

ST John's Highbury Vale Curriculum Newsletter
Year 5
Autumn Term 2021

<p>Mathematics</p> <p>Place Value: Solving problems with changes in place values as well as rounding up and down in 10's, 100's and 1,000's.</p> <p>Addition and Subtraction: To use our place value knowledge to revise addition and subtraction strategies, as well as beginning to explore Year 6 word problems.</p> <p>Statistics: We will begin to explore using data and statistics to solve questions requiring analysis and sorting, as well as using our rounding skills.</p> <p>Multiplication and division: To use all of our skills from the term to revise multiplication and division strategies, as well as beginning to explore Year 6 word problems involving these functions.</p> <p>As part of the recovery curriculum we will go over the year 4 curriculum statements. This will help us to identify and fill any gaps in learning. Children will:</p> <ul style="list-style-type: none"> Count in multiples of 6, 7, 9, 25 Count in multiples of 1,000 backwards through zero to include negative numbers Order and compare numbers beyond 1000 Round any number to 10,000 to the nearest 10, 100 or 1000 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why Recall multiplication and division facts for multiplication tables up to 12 × 12 Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten Round decimals with one decimal place to the nearest whole number Solve simple measure and money problems involving fractions and decimals to two decimal places Convert between larger and smaller units of measure for time and metric weight Compare and classify geometric shapes, including different types of quadrilaterals and triangles, based on their properties and sizes Plot specified points and draw sides to complete a given polygon Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs <p>Some helpful websites: All aspects of maths: Prodigy; BBC Bitesize Maths Maths Frame For parents: Maths At Home The School Run Multiplication tables: TT Rockstars Top Marks Problem solving & Reasoning: NRICH Games: Cool Maths Games Maths Playground</p>	<p>Writing</p> <p>This half term, our English lessons will be focused on 'The adventures of Odysseus' a book based on Greek mythology. After half term we will focus on one play of the works of William Shakespeare. The play will provide us with many writing opportunities as we explore the characters and settings and the many links with our other topics this term. We will continue our daily spelling, punctuation and grammar practise and refine our reading comprehension with a range of activities.</p> <p>As part of the recovery curriculum we will go over the year 4 curriculum statements. This will help us to identify and fill any gaps in learning. Children will:</p> <ul style="list-style-type: none"> Draft and write by organising paragraphs around a theme: in narratives, creating settings, characters and plot Proof-read for spelling and punctuation errors Choose nouns or pronouns appropriately for clarity and cohesion and to avoid repetition Use fronted adverbials with commas Indicate possession by using the possessive apostrophe with plural nouns Use and punctuating direct speech Use standard English forms for verb inflections instead of local spoken forms <p>SMSC Links: understanding and appreciation of the wide range of cultural influences that have shaped their own heritage and that of others.</p> <p>Some helpful websites: Every School BBC Bitesize Super Sentence Stacking Pobble365</p> <p>Spelling: Spelling Frame Sir Linkalot Oxford Owl</p>	<p>Reading</p> <p>As well as practising their reading fluency and spoken expression, the children will learn the following key reading skills:</p> <ul style="list-style-type: none"> Retrieve and record Explain Infer Predict Evaluate Summarise Authorial choice <p>Here are some suggested websites with free access to quality fiction and non-fiction texts that can be read and heard:</p> <p>Authorfy David Walliams' Elevensies Oxford Owl</p> <p>Comprehension: Read Theory BBC Bitesize</p> <p>French</p> <p>Vive le sport! and animals: – talking about the sports we play, comparing healthy/unhealthy food and drink; simple descriptions of animals and how they move, responding to a story about animals</p> <p>https://www.lightbulblanguages.co.uk/resources-pr-fr-schemeofwork.htm#y3 units 7 and 8</p>	<p>Drama</p> <p>As we study our Shakespeare play, we will also take part in Drama lessons where we focus on learning and exploring our chosen text through developing our drama skills.</p> <p>We will aim to initially learn and memorize key passages from the text, exploring these through the physical recreation of the written word, as well as exploring what an Elizabethan audience would have experienced of Shakespeare's work. We will then be focussing on learning and rehearsing our lines ready to participate in our staging of the play.</p> <hr/> <p>Physical Education (MONDAY and THURSDAY'S)</p> <p>Our physical curriculum will focus on combining controlled movements, developing our throwing accuracy and developing tactical awareness. Our main focus will be on Dodgeball and Netball. Some suggested websites to help you keep fit: Joe Wicks' Daily PE lesson Cosmic Kids Yoga</p> <hr/> <p>Music</p> <p>Tuesday and Wednesday afternoons will be spent learning the principles of beat, rhythm and musical timing. Alongside learning to play the trumpet this academic year.</p>
<p>Computing:</p> <p>This term children will explore online safety and coding. Children will learn to understand the importance of being safe online, review coding vocabulary, create a flowchart design to control programs and program a character to respond to user keyboard input.</p> <p>Children will:</p> <ul style="list-style-type: none"> use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output <p>SMSC Links: use of imagination and creativity in their learning. https://www.bbc.co.uk/bitesize/subjects/zvnrq6f Safety Net Kids Safer Internet</p>	<p>Religious Education</p> <p>Our topic this term will be based around the question; 'What do the miracles of Jesus teach?' We will be learning about stories from the Old Testament and how they have impact on Christians today. We also think about the difference faith makes to believer's lives' and how this affects how they make their decisions.</p> <p>SMSC Links: understanding and appreciation of the range of different cultures within school and further afield as an essential element of their preparation for life in modern Britain.</p> <p>This terms Christian Value is 'Friendship'.</p> <p>Useful website: BBC Bitesize</p> <p>https://www.bbc.co.uk/bitesize/topics/ztkxpv4/articles/zvfnkmm</p>	<p>Science</p> <p>Throughout the year, children have been developing their 'Working Scientifically' skills, including data recording, analysing, planning, measuring and making predictions.</p> <p>The children will be learning about Animals, Including Humans. They will learn about the human digestive system, teeth and food chains.</p> <p>Children will:</p> <ul style="list-style-type: none"> Describe the changes as humans develop to old age Identifying scientific evidence that has been used to support or refute ideas or arguments. Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of results, in oral and written forms such as displays and other presentations <p>SMSC Links: enjoyment and fascination in learning about themselves, others and the world around them</p> <p>Some helpful websites: BBC Bitesize The School Run Crickweb Woodlands</p>	